

**HIGH LIGHT OUTPUT—
OVER 20,000 LUMENS**

**INFINITE COLOR
MIXING**

LARGE ZOOM RANGE

**COMPACT SIZE—LESS
THAN HALF THE SIZE OF
COMPARABLE FIXTURES**

ELECTRONIC STROBE



STUDIO BEAM

AUTOMATED LUMINAIRE

Studio Beam® is ideal for creating soft-edge key and long-throw highlighting, as well as intense aerial effects. Its electronic strobe is an industry first for automated wash lights. Extreme high-output color mixing coupled with a large zoom range and beam shaping has earned Studio Beam a distinctive niche in lighting design.

Using a new short-arc lamp and a patented elliptical/spherical reflector and aspheric lens system, the Studio Beam produces more than 20,000 total field lumens—levels one would normally only expect from units twice the size. The fixture also features a pebble convex lens. Unlike the traditional plano-convex lens system, which is similar to a fresnel in its construction, the pebbling pattern on the rear surface of the lens in Studio Beam produces a well-defined soft-edge beam without light spill for a unique quality of light.



STUDIO BEAM SEEN ON:

Blue Man Group—The Rock Tour • Rolling Stones • Tori Amos • "Movin' Out" on Broadway—The Songs of Billy Joel
• Scorpions • Peter Gabriel • Nelly • Jeff Beck • Pearl Jam • John Mayer/Counting Crows • ZZ Top • Bon Jovi

studió beam

FEATURES

- CMY color mixing plus 3 additional fixed colors, including 1 CTO color corrector
- Variable frost
- Large zoom range from 15° to 30°
- Variable conventional strobe
- Electronic strobe (patent pending)
- Light Burst™ lamp boosting
- Full optical dimming and fade to black
- Optical encoders automatically correct the head's position if it is manually moved
- Warm start circuitry to allow for lamp restrike less than 1 minute after extinguishing
- Selectable audio modulation
- 3-pin and 5-pin XLR connectors

OPERATION

- 540° pan and 256° tilt movement
- Control options: DMX-512; Time Code Sync; Front Panel; Internal Effects; Fixture Talkback
- Occupies 16 DMX channels in standard protocol
- On board programming, control and playback
- Power Consumption: 1000W; 100V – 240V, 50/60Hz

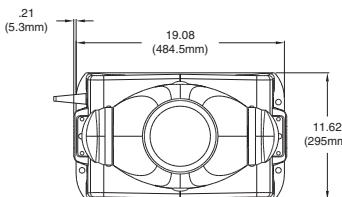
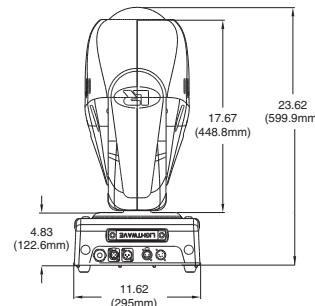
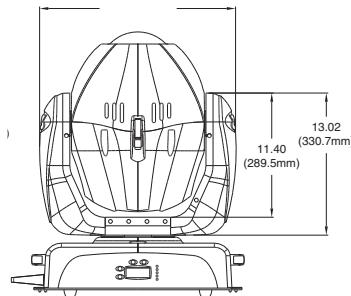
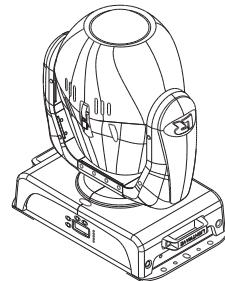
CONSTRUCTION

- Stunningly fast, smooth and quiet yoke movement using proprietary multi-phase technology
- Computer designed optical components for maximum light efficiency
- Performance-oriented exterior design prevents stray light scatter
- Low noise, temperature sensing, high efficiency cooling system

MECHANICAL SPECIFICATIONS

- Height: 600mm (23.6 in.)
- Width: 484.5mm (19.1 in.)
- Depth: 295mm (11.6 in.)
- Weight: 22.4kg (49 lbs.)

Source: MSR 700W short arc
Output: 20,000+ lumens
Color temp: 6000° K
Life: 400 hours



HIGH END SYSTEMS



The Science of Color and Light

HIGH END SYSTEMS, INC.

2217 West Braker Lane
Austin, Texas 78758 USA
sales@highend.com
www.highend.com

Austin: 1.512.836.2242
Los Angeles: 1.818.947.0550
New York: 1.212.957.6840
London: 44.20.8579.5665
Singapore: 65.6742.8266
Orlando: 1.352.241.8567

© 2003 High End Systems, Inc.
All specifications subject to change
without notice. OBO403

